

23feb05 11:27:20 User259284 Session D3084.2  
File 2:INSPEC 1969-2005/Feb W2

Set	Items	Description
S1	25679	'LIGHT EMITTING DEVICES' OR R3:R6
S2	16322	R1:R7
S3	45864	R1:R3 OR R6:R11 OR R13:R14
S4	53186	S1:S3
S5	5591	R2:R3 OR (PIGMENT???? OR DYE??? OR COLOR????? OR COLOUR????? OR HUE?? OR TINT????? OR CHROMA????) (3N) (FILM?? OR LAYER??? OR INTERPO???? OR INTER OR INTERL???? OR COAT?????)
S6	521	4AND5
S7	18124	R1:R2 OR RESIN?????
S8	7	6AND7
S9	5518	GATE?? AND "N" (3N) (CONDUCT????? OR TYPE?? OR CHANNEL????? OR DOP????? OR IMPUR?????)
S10	77	S1:S7 AND S9
S11	0	S10 AND CI=(SI SS(S)N SS) (S)NE=3
S12	1	S10 AND CI=(SI BIN(S)N BIN)
S13	0	S10 AND CI=(SI SS(S)N SS(S)O SS)
S14	1	S10 AND (SIN OR SI3 OR SION OR SI3N4 OR OXYNITRIDE?? OR NITRIDE??) (3N) (FILM?? OR LAYER??)
S15	1	S12 OR S14
S16	1	S15 NOT S8

23feb05 11:35:07 User259284 Session D3084.3  
SYSTEM:OS - DIALOG OneSearch  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W2  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set	Items	Description
S1	15	CR='HEIN P, 1993, V13, P655, SENSOR ACTUAT B-CHEM':CR='HEIN P, 1993, V14, P655, SENSOR ACTUAT . . .
S2	0	S1 AND RESIN?????
S3	0	S1 AND COLOR????????
S4	0	S1 AND COLOUR????????
S5	0	S1 AND SANDWICH????????
S6	10	S1 AND GATE??
S7	2	S1 AND "N"
S8	2	6AND7

23feb05 11:36:57 User259284 Session D3084.4  
File 2:INSPEC 1969-2005/Feb W2

Set	Items	Description
S1	456	RESIN?????(10N) (COLOR????? OR COLOUR?????)
S2	2	S1 AND GATE??
S3	3	S1 AND CHANNEL??
S4	4	S1 AND "N"
S5	4	S1 AND (PICTURE OR PIXEL?????)
S6	0	2AND3
S7	0	2AND4
S8	0	3AND4
S9	13	S2:S5

23feb05 11:40:16 User259284 Session D3084.6  
SYSTEM:OS - DIALOG OneSearch  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W2  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set	Items	Description
S1	1	CR='SANO Y, 1991, V6, P219, OPTOELECTRON DEVICES'

CAS/STN FILE 'HCAPLUS' ENTERED AT 15:18:53 ON 22 FEB 2005  
L1 1 S US2001055841/PN

FILE 'WPIX, HCAPLUS' ENTERED AT 15:19:08 ON 22 FEB 2005  
L2 2 S US2001055841/PN  
L3 SEL PLU=ON L2 1- PRN : 1 TERM  
L4 2 S L3  
L5 SEL PLU=ON L4 1- RN IC : 22 TERMS  
L6 1581582 S L5  
L7 2 S L4 AND L6  
L8 1 S L7 AND (COLOUR##### OR COLOR#####)

FILE 'STNGUIDE' ENTERED AT 15:21:35 ON 22 FEB 2005

FILE 'REGISTRY' ENTERED AT 15:37:10 ON 22 FEB 2005  
L9 2319 S N.SI/MF OR N SI/ELF OR N O SI/ELF OR N.O.SI/MF OR SILICON NITRIDE OR SILICON OXYNITRIDE OR SILICON OXIDE NITRIDE OR SILICON NITRIDE OXIDE

FILE 'HCAPLUS' ENTERED AT 15:37:43 ON 22 FEB 2005  
L10 SEL PLU=ON L1 1- RN : 13 TERMS

FILE 'REGISTRY' ENTERED AT 15:38:32 ON 22 FEB 2005  
L11 13 S L10  
L12 2 S L11 AND (POLYMER OR (C/ELS AND H/ELS))  
L13 2944 S RESIN  
L14 318363 S CARBAZOLE OR THIOPHENE  
L15 2642 S L14 AND (HOMOPOLYMER OR MONOMER)  
L16 1 S L14 AND RESIN  
L17 124 S L14 AND (OLIGOMER OR DIMER OR TRIMER OR TETRAMER)  
L18 2944 S RESIN  
L19 45506 S "EPOXY RESIN"/PCT

FILE 'WPIX, HCAPLUS' ENTERED AT 15:41:37 ON 22 FEB 2005  
L20 SEL PLU=ON L2 1- IC : 9 TERMS

FILE 'HCAPLUS' ENTERED AT 15:44:39 ON 22 FEB 2005  
L21 53342 S L20

FILE 'HCAPLUS' ENTERED AT 15:45:17 ON 22 FEB 2005  
L22 53342 S L20  
L23 26842 S (GATE## OR N(2A) (TYPE OR CONDUCT#####) OR ACTIVE LAYER) AND (L22 OR TFT OR THIN FILM TRANSISTOR OR LIGHT EMIT##### OR LIGHT EMISS##### OR EL OR ELECTROLUM##### OR LED(7A)LIGHT OR LIGHT(2A) (ELEMENT OR DEVICE OR DIODE))

FILE 'HCAPLUS' ENTERED AT 15:45:53 ON 22 FEB 2005  
L24 53342 S L20  
L25 6584 S (PICTURE ELEMENT OR PIXEL#####) AND (L24 OR TFT OR THIN FILM TRANSISTOR OR LIGHT EMIT##### OR LIGHT EMISS##### OR EL OR ELECTROLUM##### OR LED(7A)LIGHT OR LIGHT(2A) (ELEMENT OR DEVICE OR DIODE))

FILE 'HCAPLUS' ENTERED AT 15:46:32 ON 22 FEB 2005  
L26 3969 S (GATE## OR N(2A) (TYPE OR CONDUCT#####) OR ACTIVE LAYER) AND (PICTURE ELEMENT OR PIXEL#####)  
L27 32405 S L23 OR L25 OR L26  
L28 908 S L27 AND (CONDUCTIVITY OR "N" OR TYPE) (4A)CHANNEL##  
L29 141 S L27 AND IMPURITY(4A)CHANNEL##

FILE 'HCAPLUS' ENTERED AT 15:49:04 ON 22 FEB 2005  
L30 53342 S L20  
L31 307 S DRIVER CIRCUIT AND (PIXEL#### OR PICTURE ELEMENT OR L30 OR TFT OR THIN FILM TRANSISTOR OR LIGHT EMIT##### OR LIGHT EMISS##### OR EL OR ELECTROLUM##### OR LED(7A) LIGHT OR LIGHT(2A) (ELEMENT OR DEVICE OR DIODE))

FILE 'HCAPLUS' ENTERED AT 15:49:40 ON 22 FEB 2005  
L32 53342 S L20  
L33 31 S DRIVER AND "N"(2A)CHANNEL AND (PIXEL#### OR PICTURE ELEMENT OR L32 OR TFT OR THIN FILM TRANSISTOR OR LIGHT EMIT##### OR LIGHT EMISS##### OR EL OR ELECTROLUM##### OR LED(7A)LIGHT OR LIGHT(2A) (ELEMENT OR DEVICE OR DIODE))  
L34 32574 S (L27 OR L28 OR L29) OR L31 OR L33  
L35 17353 S L34 AND (INSULAT##### OR DIELEC##### OR GATE(2A)OXIDE OR IG OR IGFET)  
L36 4334 S L34 AND (SIN OR SION OR OXYNITRIDE OR SI3N4 OR (SI OR SILICON) (W)NITRIDE OR L9)  
L37 838 S L34 AND ((L15 OR L16 OR L17 OR L18 OR L19) OR RESIN#####)  
L38 70051 S (COLOR#### OR TINT#### OR MULTICOL##### OR COLOUR#### OR DYE#### OR PIGMENT#### OR HUE## OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR ORANGE OR INDIGO OR VIOLET) (2A) (LAYER#### OR MULTIL#### OR SANDWICH##### OR STACK##### OR COAT##### OR INTER OR INTERL##### OR INTERP#####)  
L39 86135 S (COLOR#### OR TINT#### OR MULTICOL##### OR COLOUR#### OR DYE#### OR PIGMENT#### OR HUE## OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR ORANGE OR INDIGO OR VIOLET) (2A) (FILM OR MEMBRANE OR UNDERL##### OR OVERL##### OR BETWEEN OR SUBLAYER##### OR SUBCOAT##### OR COAT#####)

FILE 'HCAPLUS' ENTERED AT 15:49:40 ON 22 FEB 2005

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L40      3297   S    L35 AND L36
L41      379   S    L35 AND L37
L42      115   S    L36 AND L37
L43      400   S    L34 AND L38
L44      184   S    L34 AND L39
L45      69    S    (L40 OR L41 OR L42 OR L43) AND L44
L46      63    S    L45 AND (TFT OR THIN FILM TRANSISTOR OR LCD OR LIQUID CRYST##### OR PIXEL#### OR PICTURE
ELEMENT)
L47      69    S    (L45 OR L46)
L48      2     S    L47 AND N TYPE
L49      0     S    L47 AND N CHANNEL
L50      44195 S    (COLOR#### OR TINT#### OR MULTICOL##### OR COLOUR#### OR DYE#### OR PIGMENT#### OR HUE##
OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR ORANGE OR INDIGO OR VIOLET) (8A) RESIN####
L51      771   S    (COLOR#### OR TINT#### OR MULTICOL##### OR COLOUR#### OR DYE#### OR PIGMENT#### OR HUE##
OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR ORANGE OR INDIGO OR VIOLET) (8A) (SIN OR SION OR
OXYNITRIDE OR SI3N4 OR (SI OR SILICON) (W) NITRIDE)
L52      27    S    L50 AND L51
L53      1     S    L47 AND L52
L54      6     S    L47 AND L51
L55      6     S    L47 AND L50
L56      6     S    (L22 OR L23) AND L52
L57      3     S    L1 OR L48
L58      17    S    (L53 OR L54 OR L55 OR L56) NOT L57
L59      2084  S    L33 OR L37 OR (L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47) OR (L51 OR L52)
L60      32    S    L59 AND ?CHROMA?
L61      31    S    L60 NOT (L58 OR L48 OR L1)
L62      13    S    L61 AND (TFT OR LIGHT EMIT##### OR ELECTROLUM#####)
L63      0     S    L61 AND DRIVER CIRCUIT
L64      0     S    L61 AND DRIVER
L65      0     S    L61 AND N CHANNEL###
L66      44158 S    (L12 OR L13 OR (L15 OR L16 OR L17 OR L18) OR L19 OR RESIN####) AND (L50 OR L51)
L67      9842  S    L66 AND (L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43
OR L44 OR L45 OR L46 OR L47 OR L48 OR L49)
L68      126   S    L66 AND (L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR L59 OR L60 OR L61 OR L62 OR L63
OR L64 OR L65)
L69      86    S    (L67 OR L68) AND ELECTROLUM#####
L70      36    S    (L67 OR L68) AND EL
L71      44    S    (L67 OR L68) AND LED
L72      53    S    (L67 OR L68) AND (EMISS##### OR EMIT#####) (2A) LIGHT
L73      34    S    (L67 OR L68) AND SOURCE (2A) LIGHT
L74      66    S    (L67 OR L68) AND PHOSPHOR
L75      209   S    (L69 OR L70 OR L71 OR L72 OR L73 OR L74)
L76      33    S    L62 OR (L58 OR L48 OR L1)
L77      202   S    L75 NOT L76
L78      26    S    L77 AND (INTERLAYER##### OR INTERPOS##### OR BETWEEN)
L79      197   S    L77 AND RESIN
L80      8     S    L77 AND (SIN OR SION OR OXYNITRIDE OR SI3N4 OR (SI OR SILICON) (W) NITRIDE OR L9)
L81      5     S    L79 AND L80
L82      26    S    L78 AND L79
L83      11    S    (L80 OR L81 OR L82) AND 2001-2005/PRY
L84      9     S    (L80 OR L81 OR L82) AND 1994-2000/PRY
L85      0     S    ((L80 OR L81 OR L82) NOT P/DT) AND 2001-2005/PRY
L86      18    S    L82 NOT L83
L87      22    S    L84 OR L86
L88      0     S    L78 AND L80
L89      245   S    (L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR
L80 OR L81 OR L82) AND (SANDWICH##### OR INTERP##### OR INTERLAYER##### OR INTER OR
BETWEEN) (4A) RESIN#####
L90      2     S    (L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR
L80 OR L81 OR L82) AND (SANDWICH##### OR INTERP##### OR INTERLAYER##### OR INTER OR BETWEEN) (4A) (SION OR
NITRIDE OR OXYNITRIDE OR SIN OR SION OR SI3N4)
L91      255   S    (L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR
L80 OR L81 OR L82) AND (SANDWICH##### OR INTERP##### OR INTERLAYER##### OR INTER OR
BETWEEN) (4A) (COLOR##### OR COLOUR#####)
L92      65    S    L89 AND L91
L93      55    S    L87 OR L76
L94      64    S    L92 NOT L93
L95      18    S    L94 AND 2001-2005/PRY
L96      17    S    L94 AND 1993-2000/PRY
L97      1     S    (L94 NOT P/DT) AND 2001-2005/PY
L98      45    S    L94 NOT (L95 OR L97)
L99      45    S    L96 OR L98
L100     0     S    L99 AND N CHANNEL
L101     0     S    L99 AND CONDUCTIVITY
L102     5     S    L99 AND (PIXEL##### OR PICTURE ELEMENT)
L103     119   S    (L92 OR L93 OR L94 OR L95 OR L96 OR L97 OR L98 OR L99 OR L100 OR L101 OR L102)
L104     SEL PLU=ON L103 1- PRN : 122 TERMS

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FILE 'STNGUIDE' ENTERED AT 16:23:50 ON 22 FEB 2005

FILE 'WPIX' ENTERED AT 16:24:02 ON 22 FEB 2005

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L105      116      S      L104
L106      292      S      (COLOR#### OR TINT#### OR MULTICOLOUR##### OR MULTICOL##### OR COLOUR#### OR DYE#### OR
PIGMENT### OR HUE## OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR CHROMAT##### OR CHROMA OR ORANGE OR INDIGO OR
VIOLET) (8A) (SIN OR SION OR OXYNITRIDE OR SI3N4 OR (SI OR SILICON) (W)NITRIDE)
L107      23337     S      (COLOR#### OR TINT#### OR MULTICOLOUR##### OR MULTICOL##### OR COLOUR#### OR DYE#### OR
PIGMENT### OR HUE## OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR CHROMAT##### OR CHROMA OR ORANGE OR INDIGO OR
VIOLET) (8A) (SANDWICH##### OR BETWEEN OR INTER)
L108      1778      S      (COLOR#### OR TINT#### OR MULTICOLOUR##### OR MULTICOL##### OR COLOUR#### OR DYE#### OR
PIGMENT### OR HUE## OR RED OR BLUE OR MAGENTA OR GREEN OR YELLOW OR CHROMAT##### OR CHROMA OR ORANGE OR INDIGO OR
VIOLET) (8A) (INTERPOS##### OR INTERL#####)
L109              3      S      L105 AND L106
L110             30      S      L105 AND L107
L111              4      S      L105 AND L108
L112              7      S      L110 AND (PICTURE ELEMENT OR PIXEL#####)
L113             14      S      L109 OR L111 OR L112
L114              SEL PLU=ON L113 1- PRN :      15 TERMS

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FILE 'JAPIO' ENTERED AT 16:29:52 ON 22 FEB 2005

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L115      13      S      L114
L116       9      S      L115 AND ?COLOR?
L117       0      S      L115 AND ?COLOUR?
L118       6      S      L116 AND ?RESIN?

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